

10/828,589 - Adjustable Hinge - Timothy E. McCue & Joseph R. McCue

AMENDED CLAIMS

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11. (Currently amended) An adjustable hinge set for mounting a door or gate to a fixed member, comprising:

a first hinge that is attached to the fixed member and to the door or gate, the first hinge being manually adjustable to adjust the position of the door or gate with respect to the fixed member in both a vertical and horizontal direction; and

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a second hinge that is attached to the fixed member and to the door or gate, and as the first hinge is adjusted to move the door or gate in the vertical direction the second hinge follows the first hinge and does not have to be manually adjusted to change the vertical position of the second hinge on the door or gate[[-]]; and

10 wherein the second hinge comprises:

a first plate that is attached to the fixed member;

a second plate that is attached to the edge of a door or gate;

an unthreaded hinge pin; and

a first connecting member fastened to the first plate and having an unthreaded hole

15 through which the unthreaded hinge pin passes to pivotally attach the first connecting member to the first plate, the first connecting member having an extension; and

a second connecting member fastened to the second plate and having a hole through which the first connecting member extension passes and is secured in the hole;

wherein the first connecting member is freely moveable along the unthreaded hinge pin,

20 and as the first hinge is adjusted in the vertical direction the second hinge follows the first hinge by the first connecting member moving freely along the unthreaded hinge pin.

12. (Original) The adjustable hinge set of claim 11 wherein the first hinge comprises:

a frame plate that is attached to the fixed member;

a door plate that is attached to the edge of a door or gate;

a hinge pin; and

5 a first connecting member associated with the frame plate and having a hole through

which the hinge pin passes to pivotally attach the first connecting member to the frame plate, the first connecting member having an extension; and

a second connecting member associated with the second plate and having a hole through which the first connecting member extension passes;

10 wherein the hinge pin is used as an adjustment to move the first connecting member along the hinge pin and thereby adjust the position of the door or gate with respect to the fixed

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member in the vertical direction; and wherein the position of the second connecting member is changed with respect to the first connecting member extension to thereby adjust the position of the door or gate with respect to the fixed member in the horizontal direction.

13. (Deleted)

1 14. (Currently amended) The adjustable hinge set of claim ~~[13]~~ 12 wherein the first hinge
2 pin has a longitudinal axis and is threaded and the hole through the first hinge first connecting
3 member is also threaded and the hinge pin is screwed there through, and to accomplish the
4 adjustment in the vertical direction the first hinge pin is turned about its longitudinal axis and
5 thereby causes the first hinge first connecting member to move vertically along the first hinge
6 pin.

15. (Original) The adjustable hinge of claim 14 wherein the extension of the first connecting
member for both the first hinge and the second hinge is threaded and there is a nut threaded onto
the extension at either side of the hole through the second connecting member, the nuts are
normally tightened against the second connecting member at either side of the hole there through
5 to prevent the second connecting member from moving along the threaded extension of the first
connecting member, one nut at one side of the hole is loosened and turned away from the side of
the hole it is adjacent to while the nut at the other side of the hole is tightened against the second
connecting member to move it along the threaded extension of the first connecting member and
thereby adjust the position of the door or gate with respect to the fixed member in the horizontal
10 direction, and when the second connecting member is properly positioned along the threaded
extension the one nut is again tightened against the second connecting member to lock the
second connecting member with respect to the extension of the first connecting member.